

Catalog No.: RP01653 **Recombinant**

Species	Gene ID	Swiss Prot
Human	6347	P13500

C-hFc

HC11; MCAF; MCP1; MCP-1; SCYA2;
GDCF-2; SMC-CF; HSMCR30;CCL2

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE

Calculated MW	Observed MW
34.82 kDa	45 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Monocyte chemoattractant protein-1 (MCP-1) (also referred to as chemokine (C-C motif) ligand 2 (CCL2)) is expressed by mainly inflammatory cells and endothelial cells. MCP-1 has been reported to play an important role in the pathogenesis of atherosclerosis and considerable evidence supports that the monocyte containing MCPs and macrophage influences the growth of other cell types within the atherosclerotic lesion.

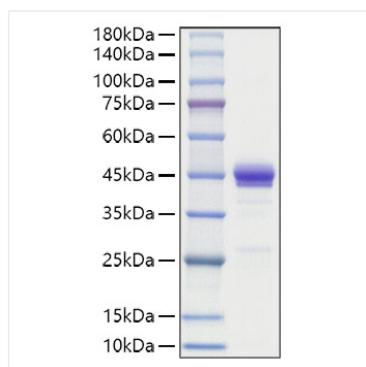
Recombinant Human CCL2/MCP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu22-Thr99) of human CCL2/MCP-1 (Accession #NP_002973.1) fused with hFc tag at the C-terminus.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human CCL2/MCP-1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.